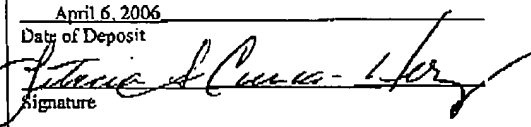


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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PRE-APPEAL BRIEF REQUEST FOR REVIEW		Docket Number: 07844-413001
I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below. April 6, 2006 Date of Deposit  Signature Leticia A. Cuevas-Hernandez Typed or Printed Name of Person Signing Certificate	Application Number 09/782,596	Filed February 12, 2001
	First Named Inventor Nathaniel M. McCully	
	Art Unit 2176	Examiner Robert M. Stevens
<p>Applicant requests review of the final rejection in the above-identified application. No amendments are being filed with this request.</p> <p>This request is being filed with a Notice of Appeal.</p> <p>The review is requested for the reason(s) stated on the attached sheet(s). Note: No more than five (5) pages may be provided.</p> <p>I am the</p> <p><input type="checkbox"/> applicant/inventor.</p> <p><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)</p> <p><input checked="" type="checkbox"/> attorney or agent of record <u>52,978</u> (Reg. No.)</p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____</p> <p>NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.</p> <p><input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted.</p>		

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Attorney's Docket No.: 07844-413001 / P377

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nathaniel M. McCully
Serial No. : 09/782,596
Filed : February 12, 2001
Title : METHOD FOR ALIGNING TEXT TO BASELINE GRIDS AND TO CJK
CHARACTER GRIDS

Art Unit : 2176
Examiner : Robert M. Stevens

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRE-APPEAL BRIEF REQUEST FOR REVIEW

The brief is in response to legal and factual deficiencies in the final Office Action mailed November 29, 2005, and the Advisory Action mailed February 17, 2006.

Claims 1-16 are currently pending, of which claims 1, 8, 15, and 16 are independent. Claims 1-2, 4-9, and 11-16 stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over U.S. Patent 5,803,629 ("Neville") in view of U.S. Patent No. 5,245,676 ("Spitz"). Claims 3 and 10 stand rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Neville and Spitz in further view of U.S. Patent No. 5,852,447 ("Hosoya").

I. The cited art does not disclose or suggest demarcating an arrangement region if the height of the text is larger than a specified dimension for the grid.

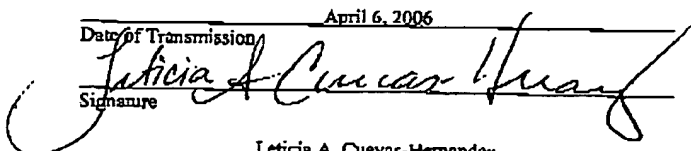
Claim 1 recites instructions to determine the height of text having of a plurality of characters to be arranged within a current line in a grid displayed on a display device. If the determined height of the text is larger then a specified dimension for the grid, an arrangement region is demarcated that includes the current line and at least one subsequent line in the grid. Thus, an arrangement region is demarcated when the text height is larger then a specified dimension of the grid. As a result, the text which has a height larger than a grid dimension is

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Leticia A. Cuevas-Hernandez

Typed or Printed Name of Person Signing Certificate

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arranged within a demarcated region including the current line and at least one subsequent line in the grid. By arranging the text within the demarcated region, the text does not impinge or overlap text to be arranged in other adjacent lines of the grid due to the text's large height relative to the grid lines.

The Examiner states that Neville discloses demarcating an arrangement region if the height of the text is larger than a specified dimension for the grid in FIG. 1 and FIGS. 7-9 of Neville. The applicant respectfully disagrees. Each of the cited figures of Neville discloses different character properties. FIG. 1 shows a representative pair of characters, which are illustrated to describe the various character properties and associated typesetting terminology. For example, FIG. 1 illustrates the concepts of an origin point, baseline, character contours, font height, font height below the baseline, and character width. *See* col. 1, lines 32-43. Neville discloses that this information may be used to establish kerning offsets for adjacent characters (*i.e.*, spacing between particular character pairs). *See* col. 1, lines 44-45.

Similarly, FIGS. 7-9 merely disclose examples of other character aspects. FIG. 7 illustrates parameters that define a font bounding box for characters in a particular font. *See* col. 5, lines 66-67. The parameters include a maximum character height, a maximum width, and a lowest character (*i.e.*, height below the baseline) for a character in the font. *See* col. 8, lines 21-25; FIG. 7. FIG. 8, like FIG. 1, illustrates nomenclature for various character properties including width components such as character width and spacing width between a pair of characters. *See* col. 6, lines 1-2; col. 8, lines 32-38. Finally, FIG. 9 discloses an example of a bounding box surrounding a particular character of a font. *See* col. 6, line 3; col. 8, lines 59-60.

In each of the figures cited by the examiner, the characters are illustrated with reference to character boxes (*e.g.*, bounding boxes) sized for each individual character. The cited figures of Neville, however, do not disclose or suggest demarcating an arrangement region if the height of text is larger than a specified dimension for a grid. No characters are shown in the cited figures of Neville as having a height which exceeds a grid dimension. Therefore, the cited figures of Neville do not disclose or suggest text height as exceeding a specified dimension for a grid. Even if the shown bounding boxes were considered a grid, they are sized for the particular characters and thus the characters can not have a height that exceeds a dimension of the bounding box. Consequently, there is no disclosure or suggestion in the cited figures that an

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arrangement region is demarcated if the height of text is larger than a specified dimension for a grid, as required by claim 1.

The examiner further states in the Advisory Action mailed February 17, 2006, that col. 12, line 63 to col. 13, line 7 discloses demarcating an arrangement region if the height of the text is larger than a specified dimension for the grid. The applicant respectfully disagrees. Col. 12, line 63 to col. 13, line 7 reads, in pertinent part, as follows.

Alternatively, the default intercharacter spacing can be determined using the height-to-width ratio of the font. This may be the ratio of height to width in the capital "H" character (or an average of a number of specific characters in the font), and a percentage of this ratio is used as the Default Spacing Value. Using this approach, the height-to-width ratio would add more space to condensed (tall and thin) fonts, where additional space is needed between characters to increase type legibility. Fonts with a height-to-width ratio close to 1 would receive less spacing, and extended fonts (wider than tall), with a height-to-width ratio less than 1, would receive the least spacing.

The cited section of Neville discloses the adjustment of spacing between individual characters in a line of text according to the height-to-width ratio of the font. The examiner states that this ratio is the same as the claimed height determination for demarcating an arrangement region. The applicant respectfully disagrees. The cited section does not disclose or suggest any grid. The only factor used to determine whether or not to adjust the spacing is how the height of a character relates to its width. This ratio is unrelated to any grid the characters may be associated with. Consequently, the height-to-width ratio can indicate increased or decreased intercharacter spacing regardless of whether the height exceeds a grid dimension. Therefore, the cited section does not disclose or suggest demarcating an arrangement region if the height of the text is larger than a specified dimension for the grid.


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Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6 April, 2006



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